

ABSTRACT

The liquid crystal display apparatus according to the present invention includes a) the direction of the twist angle of molecule orientation of the twisted phase difference board (3) is reverse to the direction of the twisted orientation of the liquid crystal molecule of the liquid crystal devices (2), and the twist angle of the twisted phase difference board is smaller than the twist angle of the liquid crystal devices (2) by 10° to 40°; b) an angle between the liquid crystal molecule-oriented direction of the alignment film (23a) of the second substrate and the molecule-oriented direction of a lower polymer (32b) of the liquid crystal polymer layer lies in the range of 80° to 90°; c) an angle between an absorption axis of the first polarization board (1) and the liquid crystal molecule-oriented direction of the alignment film (23b) of the first substrate side lies in the range of 50° to 60°; d) an angle between the absorption axis of the second polarization board (4) and the molecule-oriented direction of an upper polymer (32a) of the liquid crystal polymer lies in the range of 30° to 40°; and e) the relationship between $\Delta n1$ of the nematic liquid crystal layer and $\Delta n2$ of the liquid crystal polymer layer is defined in a particular relationship, so that it is possible to resolve colored image on the display and to realize an image quality having a high contrast.